

Ref. 3

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TI Conductive elastic member - produced by adding organic ion
conductive agent into thermoplastic polyurethane elastomer and
moulding.
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A conductive elastic member is prepared by adding organic ion
conductive agent into thermoplastic polyurethane elastomer and
molding it.

USE - The conductive elastic member is used for a charged
roller and a transfer belt and the like used for a copy machine, a printer
and the like.

ADVANTAGE - The conductive elastic member has less
dispersion of electric resistance value in the member and less
change by applied voltage, so that the member has excellent charge
performance and transfer performance. Since the electric resistance value
is controlled by adding amount of the organic ion conductive
agent, the conductive elastic member which has desired electric

resistance value may be provided. Since the dispersion of the
electric resistance value is less, it is not necessary to form a
resistance adjusting layer and structure of the member can be simplified
and its production cost may be reduced.
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